

ABSTRACT OF THE DISCLOSURE

A seed layer having a chromium content in the range of 35 to 60 atomic percent and a thickness of 10 to 200 Å is deposited to have a single phase of the face-centered cubic structure by optimizing the sputtering conditions, etc. The surface of the seed layer maintaining the face-centered cubic structure exhibits improved wettability, and the rate of change in resistance  $\Delta R/R$  can thereby be improved.